

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	2	wo-2004012189-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/25 08:06
L4	12	("20010046104" "20020012316" "20030058785" "20030174640" "20040052204" "20040062175" "4682322" "4799121" "5260931" "6477138" "6480458" "6590858"). PN. OR ("7093271"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/25 08:19
L5	8	"433132".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/25 08:27
S1	3	((("20040052204") or ("20050160446") or ("20050257233")).PN.	US-PGPUB; USPAT	OR	OFF	2010/01/07 13:44
S2	6	"597444".ap.	US-PGPUB; USPAT	OR	ON	2010/01/07 13:45
S3	63	nakata with kuniko.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 13:26
S4	104	okazawa with hironori.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 13:33
S5	236	takizawa with teruyuki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 13:33
S6	29	S4 and disc with clean\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 13:34
S7	29	S5 and disc with clean\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 13:35
S8	566	(15/102).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/17 13:37
S9	1031	(15/77).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/17 14:02

S10	237	(15/268).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/17 14:22
S11	1503	(15/210.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/17 14:27
S12	22	(15/dig.14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/17 14:27
S13	27	(15/dig.13).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/17 14:32
S14	89	S8 and disc with clean\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 14:33
S15	107	S9 and disc with clean\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 14:36
S16	10	S10 and disc with clean\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 14:37
S17	86441	("15").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/17 14:56
S18	43	S17 and disc same clean \$3 same cartridge	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 14:57
S19	9	S17 and disc with clean\$3 and cartridge and shutter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 15:46
S20	81	S17 and disc with clean\$3 and cartridge	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 15:48
S21	49	S11 and disc with clean\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 15:58
S22	846	(15/97.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/17 16:04
S23	111	S22 and disc with clean\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/17 16:04
S24	24	("4520470" "4569098" "4641391" "4654917" "4662025" "4709437" "4750231" "4783870" "4825497" "4854001" "5228022").PN. OR ("5584089").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/17 17:20

S25	19	("4520470" "4569098" "4654917" "4688206" "4709437" "4713856" "4750231" "4851948" "4854001").PN. OR ("5090078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/17 17:22
S26	9	("3218082" "3479222" "3659526" "4479281" "4675053").PN. OR ("4801334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/17 17:24
S27	14	("4556433" "4561142" "4713856" "5416761" "5822822").PN. OR ("5963526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/17 17:25
S28	28	("4106057" "4384311" "4503473" "4663686" "4682257").PN. OR ("4870636").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/17 17:25
S29	1	("5963526").PN. OR ("7483356").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/17 17:27
S30	13	("4100643" "4569098" "4635797" "4641750" "4718550" "4819799" "4836374" "5090078").PN. OR ("5307535").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/17 17:27
S31	19	("4520470" "4654917" "4662025" "4709437" "4750231" "4825497" "5307535" "5584089" "5822822" "5912875" "5963526").PN. OR ("6243345").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/17 17:28
S32	5	"450738".ap.	US-PGPUB; USPAT	OR	ON	2010/02/18 08:10
S33	8	"079001".ap.	US-PGPUB; USPAT	OR	ON	2010/02/18 08:12
S34	7	"185503".ap.	US-PGPUB; USPAT	OR	ON	2010/02/18 08:13
S35	86463	("15").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/02/18 08:18
S36	1	S34 and disc with clean\$3 and shutter same (open\$3 or clos\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 08:19
S37	1	S34 and disc with clean\$3 and shutter same (rotat\$5 or turn\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 08:22
S38	19	S35 and disc with clean\$3 and shutter same (rotat\$5 or turn\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 08:22

S39	22	S35 and disc with clean\$3 and shutter same (open\$3 or clos\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 08:27
S40	388	disc with clean\$3 and cartridge and shutter same (open\$3 or clos\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 08:30
S41	305	cartridge and disc with clean\$3 and shutter same (rotat\$5 or turn\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 08:46
S42	1	((disc with clean\$3) and plane and (convex with portion) and cartridge and shutter and open\$3 and clos\$3 and rotat\$5 with member and knob).clm.	US-PGPUB; USPAT	OR	ON	2010/02/18 08:57
S43	11985	h01I21/00.ipc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 09:22
S44	13	S43 and disc with clean\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 09:22
S45	358	a47I25/00.ipc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/18 09:24
S46	38158	matsushita with electric with industrial.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/23 12:49
S47	189	S46 and cartridge and shutter same open\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/23 12:50
S48	38158	matsushita with electric with industrial.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/24 17:36
S49	38	S48 and disc with clean\$3 and shutter same open\$3 same rotat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/24 17:36
S50	37	disc with cleaner and shutter same opening same rotat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/24 17:48

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